

Docket No.: SIL-0007-4-DIV

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : CRUSE et al.

Appl. No. : To be assigned Examiner: To be assigned

Filed : Art Unit: To be assigned

For : BLOCKED MERCAPTOSILANE COUPLING AGENTS
FOR FILLED RUBBERS



Attorney Docket No.: SIL0007-4 (UNI094US-C)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on the accompanying Form PTO-1449 are documents that may be considered material to the examination of this application and are submitted in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98. Copies of these documents are provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue.

The applicants reserve the right to establish the patentability of the claimed invention over any of the information provided by this statement, to prove that the enclosed information is not prior art, and/or to prove that this information is not enabling for the teachings purportedly offered.

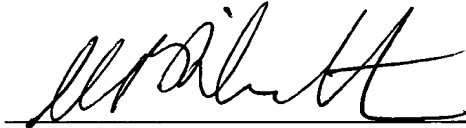
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This statement should not be construed as a representation that an exhaustive search has been made or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested not to rely solely on the material submitted with this statement.

The applicants request that the examiner initial and return a copy of the enclosed Form PTO-1449 and indicate in the official file history of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-2656.

November 9, 2001
Date



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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. SI0007-4		APPLICATION NO. To be assigned	
				APPLICANTS CRUSE et al.			
				FILING DATE		GROUP To be assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	3,502,704	Mar. 24, 1970	McKellar	260	448.8	Jul. 15, 1965
	AB1	3,692,812	Sept. 19, 1972	Berger	260	448.2	Apr. 21, 1971
	AC1	3,922,436	Nov. 25, 1975	Bell et al.	428	375	Sept. 13, 1974
	AD1	3,957,718	May 18, 1976	Pochert et al.	260	38	Dec. 26, 1974
	AE1	4,060,539	Nov. 29, 1977	Seiler et al.	260	448.8	Feb. 24, 1976
	AF1	4,184,998	Jan. 22, 1980	Shippy et al.	260	42.15	Nov. 30, 1977
	AG1	4,519,430	May 28, 1985	Ahmad et al.	152	209	Jul. 29, 1982
	AH1	4,820,751	Apr. 11, 1989	Takeshita et al.	523	215	Apr. 25, 1988
		5,116,886	May 26, 1992	Wolff et al.	523	209	Feb. 15, 1991
	AI1	6,127,468	Oct. 3, 2000	Cruse et al.	524	225	Feb. 19, 1999
	AJ1	6,140,393	Oct. 31, 2000	Bomal et al.	523	213	Jan. 10, 1997
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	2508931		DE			Yes No
	AM1	98/17391		PCT			Yes No
	AN1	10082/97		AU			Yes No
	AO1	631,982		EP			Yes No
	AP1	63270751		JP			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	1	Meeting Minutes, Improved Performance of Silica and Carbon Black Filled Elastomers, Dec., 1998. (COPY PROVIDED IN PARENT APPLICATION)				
	AS	1	Gornowicz et al., Preparation of Silylalkanethiols, Organic Research Lab., Dow Corning Corp., XP-002084433, 2918-2924, 1968.				
	AT	1	Trialkoxysilylalkanethiols and Bis (trialkoxysilylalkyl) sulfides - XP-002084434, Aug. 1977. (COPY PROVIDED IN PARENT APPLICATION)				
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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	AA1	6,204,339	Mar. 20, 2001	Waldman et al.	525	350	Feb. 5, 1999
	AB1	6,274,753	Aug. 14, 2001	Krafczyk et al.	556	405	Nov. 13, 2000
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	1	Epoxy Resins Potting Compositions for Semiconductor Devices XP-002084435 - Sept. 1989. (COPY PROVIDED IN PARENT APPLICATION)				
	AS	1	J. Van Alphen, Rubber Chemicals, Plastics and Rubber Research Institute TNO, Delft, Holland, 1973. (COPY PROVIDED IN PARENT APPLICATION)				
	AT	1	Gornowicz et al., Preparation of Silylalkanethiols; Journal of Organic Chemistry, Vol. 33, No. 7, pgs. 2914-2918; July 1968.				
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	AA1						
	AB1						
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	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	1	The Vanderbilt Rubber Handbook, R.F. Ohm, ed. (R.T. Vanderbilt Company, Inc., Norwalk, Connecticut, 1990). (COPY PROVIDED IN PARENT APPLICATION)				
	AS	1	Manual for the Rubber Industry, T. Kempermann, S. Koch, and J. Sumner, eds. (Bayer AG, Leverkusen, Germany, 1993). (COPY PROVIDED IN PARENT APPLICATION)				
	AT	1	Vanderbilt Rubber Handbook (1978), pages 344-46.				
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